Action Items for Critical Foundations for Algebra

1. Identify trends that are problematic for students across the U.S. (Slide #7)
2. Design a pacing guide that aligns with Montana's Content Standards. Use Handout #4 "Pacing Guides for Pre-Algebra and algebra I as an example. (Slide #14)
3. Determine how your team is currently preparing students for STEM (Science-Technology-Engineering-Mathematics) (Slide #14)
4. Use Handout #10 and Slide #17 to discuss differentiated student assignments.
5. Compare and contrast traditional number lines, open number lines and double open number lines; use Handout #9 (slide #20) .
6. Use the Planning Template #3: Working with Schools to determine current status and next steps (Slide #21, 29, 47).
7. Identify ways to incorporate mathematics practice across content areas; use Handout #15 (Slide #27).
8. Determine current status and needs with regard to teaching/encouraging effort and stamina; use Handout #18 as a guide (Slide #28-29).
9. Create an action plan (what will be done, who will do it, and when will it be done) based on Handout #26 "The Components of a Mastery Framework (Slide #42)
10. Use Handout #27 "Self-Assessment Inventory" to assist your team in determining what is currently in place and what needs exist for students who struggle with mathematics (Slide #44).

Which of the action items above, will you use with the school you support? Please provide a detailed description of your plans for implementing the action item(s) and the impact you think it will have on students.

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